RBM15 Antibody

PRODUCT OVERVIEW

Product Name	RBM15, Antibody
Full Product Name	RBM15 Antibody
Product Gene Name	anti-RBM15 antibody
Molecular Weight	99,701 Da
OMIM	606077
3D Structure	ModBase 3D Structure for Q96T37
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for anti-RBM15 antibody	MBS8500706 is an antibody targeting RBM15. Also known as RBM15 Antibody.
Other Notes	Small volumes of anti-RBM15 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RBM15. It may not necessarily be applicable to this product.

NCBI GI #	319996623
NCBI GeneID	64783
NCBI Accession #	NP_001188474.1
UniProt Primary Accession #	Q96T37
UniProt Secondary Accession #	Q3ZB86; Q4V760; Q5D058; Q5T613; Q86VW9; Q96PE4; Q96SC5; Q96SC6; Q96SC9; Q96SD0; A1A693
UniProt Related Accession #	Q96T37
GenBank Nucleotide #	NM_001201545.1
NCBI Official Full Name	putative RNA-binding protein 15 isoform 2
NCBI Official Synonym Full Names	RNA binding motif protein 15
NCBI Official Symbol	RBM15
NCBI Official Synonym Symbols	OTT; OTT1; SPEN
UniProt Protein Name	Putative RNA-binding protein 15
UniProt Synonym Protein Names	One-twenty two protein 1; RNA-binding motif protein 15
Protein Family	Putative RNA-binding protein
UniProt Gene Name	RBM15
UniProt Synonym Gene Names	OTT; OTT1
NCBI Protein Information	putative RNA-binding protein 15

NCBI Summary for RBM15	Members of the SPEN (Split-end) family of proteins, including RBM15, have repressor function in several signaling pathways and may bind to RNA through interaction with spliceosome components (Hiriart et al., 2005 [PubMed 16129689]).[supplied by OMIM, Feb 2009]
UniProt Comments for RBM15	May function as an mRNA export factor, stimulating export and expression of RTE-containing mRNAs which are present in many retrotransposons that require to be exported prior to splicing. High affinity binding of pre-mRNA to RBM15 may allow targeting of the mRNP to the export helicase DBP5 in a manner that is independent of splicing-mediated NXF1 deposition, resulting in export prior to splicing. May be implicated in HOX gene regulation.
Research Articles on RBM15	**1.** The authors demonstrate that RBM15 is methylated by protein arginine methyltransferase 1 (PRMT1) at residue R578, leading to its degradation via ubiquitylation by an E3 ligase (CNOT4).
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